

SOLID WASTE FACILITY PERMIT		1. Facility/Permit Number: 07-AA-0044																		
2. Name and Street Address of Facility: West Contra Costa Sanitary Landfill Organic Materials Processing Facility Foot of Parr Boulevard Richmond, CA 94801	3. Name and Mailing Address of Operator: West Contra Costa Sanitary Landfill, Inc. 3260 Blume Drive, Suite 115 Richmond, CA 94806	4. Name and Mailing Address of Owner: West County Landfill, Inc. 3260 Blume Drive, Suite 115 Richmond, CA 94806																		
5. Specifications:																				
a. Permitted Operations: <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;"><input checked="" type="checkbox"/> [XX]</td> <td style="width: 35%;">Composting Facility (mixed wastes)</td> <td style="width: 30%;"><input checked="" type="checkbox"/> [XX]</td> <td style="width: 5%;">Processing Facility</td> </tr> <tr> <td><input type="checkbox"/> []</td> <td>Composting Facility (yard wastes)</td> <td><input checked="" type="checkbox"/> [XX]</td> <td>Transfer Station</td> </tr> <tr> <td><input type="checkbox"/> []</td> <td>Landfill Disposal Site</td> <td><input type="checkbox"/> []</td> <td>Transformation Facility</td> </tr> <tr> <td><input type="checkbox"/> []</td> <td>Material Recovery Facility</td> <td><input type="checkbox"/> []</td> <td>Other:</td> </tr> </table>			<input checked="" type="checkbox"/> [XX]	Composting Facility (mixed wastes)	<input checked="" type="checkbox"/> [XX]	Processing Facility	<input type="checkbox"/> []	Composting Facility (yard wastes)	<input checked="" type="checkbox"/> [XX]	Transfer Station	<input type="checkbox"/> []	Landfill Disposal Site	<input type="checkbox"/> []	Transformation Facility	<input type="checkbox"/> []	Material Recovery Facility	<input type="checkbox"/> []	Other:		
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b. Permitted Hours of Operation: 7 days/week Hours: Self-Haul Waste Receiving-24 hours/7 days a week; Franchised/Non-Franchised Commercial Waste Receiving-24 hours/7 days a week; Waste Processing*-5:00 a.m. to midnight—7 days a week; Recovered Materials Load-out and Hauling-24 hours/7 days a week; All Other Site Maintenance-Related Operations-24 hours/7 days a week; Equipment Maintenance- 5:00 a.m. to 10:00 p.m. —7 days a week Composting—24 hours/7 days a week *Waste processing activities are described in the RFI.																				
c. Permitted Tons per Operating Day: 1,134 tons/day maximum <div style="margin-left: 250px;"> 630 tons/day organics 504 tons/day wood wastes </div> 196 tons/day not to exceed the annual peak of 51,000 tons/year wet wastes/dusty materials <div style="margin-left: 250px;"> 31,000 tons/year dry dusty wastes 20,000 tons/year wet wastes </div>																				
d. Permitted Traffic Volume: 1,559 vehicles/day																				
e. Key Design Parameters (Detailed parameters are shown on site plans bearing LEA and CIWMB validations):																				
<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 20%;"></th> <th style="width: 15%;">Total</th> <th style="width: 15%;">Disposal</th> <th style="width: 15%;">Transfer/Processing</th> <th style="width: 15%;">Composting</th> <th style="width: 20%;">Transform</th> </tr> </thead> <tbody> <tr> <td>Permitted Area (in acres)</td> <td>40 acres</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Design Capacity</td> <td></td> <td></td> <td>51,000 tons/year</td> <td>1,134 tons/day</td> <td></td> </tr> </tbody> </table>				Total	Disposal	Transfer/Processing	Composting	Transform	Permitted Area (in acres)	40 acres					Design Capacity			51,000 tons/year	1,134 tons/day	
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Upon a significant change in design or operation from that described herein, this permit is subject to revocation or suspension. The attached permit findings and conditions are integral parts of this permit and supersede the conditions of any previously issued solid waste facility permit.																				
6. Approval: <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> Approving Officer Signature <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> Sherman Quinlan, Director of Environmental Health Name/Title		7. Enforcement Agency Name and Address: Local Enforcement Agency (LEA) Contra Costa Environmental Health 2120 Diamond Blvd, Suite 200 Concord, California 94520																		
8. Received by CIWMB: <div style="text-align: center; font-weight: bold; font-size: 1.2em;">MAY 10 2010</div>	9. CIWMB Concurrence Date: <div style="text-align: center; font-weight: bold; font-size: 1.2em;">MAY 24 2010</div>	10. Permit Issued Date:																		
11A. Next Permit Review Due Date:	11B. Permit Transfer Date:	11C. Permit Review Date:																		

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12. Legal description of Facility (attach map with RFI):

The WCCSL Organic Materials Processing Facility is located near Richmond at the Foot of Parr Boulevard. It is located in Township 1N, Range 5W, Mount Diablo Base & Meridian. The site latitude and longitude are 37° 57' 57" N and 122° 22' 57" W. Parcel numbers 408-140-002, 408-140-006, 408-140-009, and 408-140-010. A map and site description is located in Section B. of the RFI.

13. Findings:

- a. This permit is consistent with the Contra Costa County Integrated Waste Management Plan (CIWMP), May 1993 and amended December 2003. The location of the facility is identified in the County Wide Siting Element (pp. I-9, I-19, I-35, I-68, and I-69) and the Nondisposal Siting Element (p. 7) pursuant to Public Resources Code (PRC), Section 50001.
- b. This permit is consistent with the standards adopted by the California Department of Resources Recovery and Recycling (CalRecycle), pursuant to PRC Section 44010.
- c. The design and operation of the facility is in compliance with the State Minimum Standards for Solid Waste Handling and Disposal as determined by the LEA pursuant to PRC Section 44009.
- d. The Contra Costa County Fire Protection District and Richmond Fire Department have determined that the facility is in conformance with applicable fire standards as required by PRC Section 44151.
- e. A Final Environmental Impact Report (EIR) (SCH#2002102057) was certified by the Contra Costa County Board of Supervisors on July 13, 2004. The EIR describes and supports the design and operation, which will be authorized by the issuance of this permit. A Notice of Determination for the EIR was filed with the State Clearing House on November 5, 2004. An Addendum (SCH#2002102057) to the Final EIR was approved by the Contra Costa County Health Officer on December 17, 2008. A Notice of Determination for the EIR Addendum was filed with the Contra Costa County Clerk on January 30, 2009.

14. Prohibitions:

- a. The permittee is prohibited from accepting the following wastes: hazardous, radioactive, medical (as defined in Chapter 6.1, Division 20 of the California Health and Safety Code), liquid, designated, or other wastes requiring special treatment or handling, except as identified in the Report of Facility Information and approved amendments thereto and as approved by the enforcement agency and other federal, state, and local agencies.
- b. The permittee is prohibited from accepting wood waste treated with chemicals, including creosote and pentachlorophenol.
- c. The permittee is additionally prohibited from scavenging pursuant to Title 27 of the California Code of Regulations (27 CCR) Section 20710 (a) or allowing scavenging by the public.
- d. The following items shall not be salvaged pursuant to 27 CCR 20720: drugs, cosmetics, food, beverages, hazardous chemicals, poisons, medical wastes, syringes, needles, pesticides and other similar materials capable of impairing public health.
- e. New operations may not begin without prior submittal of amendments to the RFI, until the permit is revised, and until written approvals are received from the LEA, CalRecycle, and other agencies having jurisdiction.

15. The following documents also describe and/or restrict the operation of this facility (insert document date in space):

	Date		Date
[X] Report of Facility Information	December 2009	[X] Waste Discharge Requirements	
Amended	March 2010	96-098	July 7, 1996
		R2-2002-0066	June 19, 2002
		R2-2006-0008	November 11, 2006
[X] Land use Permits and Conditional		[X] Environmental Impact Report	
Contra Costa Co. LUP 2054-92	July 13, 1993	State Clearing House No. 2002102057	July 13, 2004
Amended	May 9, 1995	EIR Addendum SCH 2002102057	December 17, 2008
Amended	December 14, 2004		
City of Richmond CUP CU/DR1101132	October 21, 2004		
[X] Local & County Ordinances			
Contra Costa County Ordinance Code, Chapter 418-4			

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16. Self Monitoring:

a. The results of all self-monitoring programs as described in the Report of Facility Information, will be reported as follows. All operation records are to be kept at the office on-site and in the Operations File at the headquarters office (3260 Blume Drive, Suite 115, Richmond).

Program	Reporting Frequency	Agency Reported To
1. Daily Tonnage Records—daily quantities of all solid wastes and processible materials entering the facility in tons per day (must be $\leq 1,134$ tons/day).	1. Monthly—due the 25th of the month following the end of the reporting period	1. LEA, CalRecycle, and Available for LEA monthly inspection
2. The types, quantities (in tons), and origin of all solid wastes and processible materials entering the facility per day.	2. Quarterly*	2. LEA, CalRecycle, Contra Costa County Department of Conservation and Development (CCCD CD), City of Richmond
3. The types, quantities, and disposition of all salvaged materials and residual wastes leaving the facility.	3. Quarterly*	3. LEA, CCCD CD, City of Richmond, West Contra Costa Integrated Waste Management Authority (WCCIWMA)
4. Log of the average daily quantity of feedstock, active compost, and finished compost stored on site and the amounts shipped off site must be calculated on a daily basis in cubic yards.	4. Quarterly*	4. LEA and Available for LEA monthly inspection
5. Monthly calculation and report of the number and type of vehicles utilizing the facility per day of operation.	5. Monthly—due the 25th of the month following the end of the reporting period	5. LEA, and Available for LEA monthly inspection
6. A daily log of any Special Occurrences encountered and methods used to resolve problems arising from the events. (NOTE: LEA must be notified within 24 hours of occurrence that may be a health and/or safety risk.)	6. Quarterly*	6. LEA and Available for LEA monthly inspection
7. A log of all public complaints, including the nature of the complaint, date of receipt, person or persons making the complaint (include name, address, and phone number if available), and actions taken to respond to the complaint.	7. Quarterly*	7. LEA, CalRecycle and Available for LEA monthly inspection
8. Results of the daily random waste load checking program.	8. Quarterly*	8. LEA, and Available for LEA monthly inspection
9. Log and report of the types and quantities of prohibited waste found in the waste stream and disposition of these materials.	9. Quarterly*	9. LEA, and Available for LEA monthly inspection
10. Results of all laboratory testing on final compost including but not limited to: metal concentrations, fecal coliform and Salmonella sp. densities, pathogen reduction methods, temperature measurements, moisture content of active compost, and dates of windrow turnings.	10. Quarterly*	10. LEA, CalRecycle and Available for LEA monthly inspection
11. Daily temperatures of all feedstock, active compost and finished compost stored on site.	11. Daily	11. Available for LEA monthly inspection
12. Records of serious injury to the public occurring on-site.	12. Quarterly*	12. LEA and Available for LEA monthly inspection
13. Employee Training Log	13. Quarterly*	13. At RSS yard office for LEA inspection
14. Most current list of responsible personnel for design, construction and operation of this facility. The list shall include emergency phone numbers, and address, for the following: manager, security guards, and/or duty supervisors.	14. First list due 2 weeks after issuance of permit. Thereafter, whenever there is a change in contacts and/or phone numbers.	14. LEA, CalRecycle
15. Winter operations plan for the next wet weather season.	15. Annual—due by July 31st	15. LEA, CalRecycle
16. All operational records, monitoring reports, results of regulatory inspections, summaries of daily inspection reports.	16. Available upon request	16. LEA, CalRecycle
17. Records required under Title 14 Section 17414 (h) and Title 27. Section 18809.	17. Quarterly	17. LEA, CalRecycle

* 1st Quarter = January—March, report due by April 30; 2nd Quarter = April-June, report due by July 31; 3rd Quarter = July-September, report due by October 31; 4th Quarter = October—December, report due by January 31

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17. Enforcement Agency (EA) Conditions:

(NOTE: LEA conditions listed here shall be in addition to conditions of other documents controlling operation of this facility.)

- a. The operator shall comply with all State Minimum Standards for solid waste handling and disposal as specified in Title 14 and Title 27 of the California Code of Regulations (CCR). The operator shall not operate this facility without possession of all required permits/regulatory approvals.
- b. The operator shall inspect the site at least once each day of operation to ensure compliance with all applicable standards, conditions, mitigation, permits, and regulations.
- c. The operator shall comply with all federal, state, and local laws, regulations, ordinances, requirements and enactments including all mitigation and monitoring measures developed in accordance with any certified environmental document filed pursuant to Public Resources Code (PRC) 21081.6, and all administrative/enforcement orders of all regulatory agencies with jurisdiction at this facility.
- d. The operator shall maintain a complete copy of this Solid Waste Facility Permit (SWFP), of all other required regulatory permits and of all regulatory inspection reports, and all other records required in Section 16, at the facility or other approved location readily accessible to facility personnel, LEA staff, and other regulatory personnel.
- e. Additional information concerning the design and operation of this facility shall be furnished upon request and within the time frame specified by the LEA and other regulatory personnel.
- f. This SWFP is subject to review by the LEA and may be suspended, revoked, or revised at any time for sufficient cause.
- g. Any change that would cause the design or operation of the facility not to conform to the terms and conditions of this permit is prohibited. Such a change may be considered a significant change, requiring a permit revision. In no case shall the operator implement any change without first submitting a written notice of the proposed change, in the form of an RFI amendment and/or a permit application, to the LEA at least 180 days in advance of the change. The change must be approved by the LEA *prior* to implementation.
- h. Thirty (30) days prior to utilizing the sorting conveyor, provide the LEA with a written description of the safety standards established by the safety officer for the operation of the sorting conveyor station.
- i. This permit supersedes all previous permits (Standardized and Notification) issued for this facility.
- j. The maximum permitted daily tonnage for the compostable materials facility is 1,134 tons per operating day (630 tons/day organics; 504 tons/day wood wastes) and the facility shall not receive more than this amount without first obtaining a revision to this permit. When 1,134 tons is received in one day, the facility shall cease accepting waste for the remainder of that day.
- k. The compostable materials operations may accept the following materials: green waste, food waste, agricultural waste, manure and stable wastes, biosolids, mixed C&D debris, mixed waste paper, wood waste and soil.
- l. The maximum daily tonnage for the wet waste/dusty materials operation is 196 tons per day and no more than 51,000 tons per year (31,000 tons/year dry dusty materials, 20,000 tons/year wet wastes). When 196 tons of these materials is received in one day, the operation shall cease accepting waste for the remainder of the day. When 51,000 tons of material is received in one year, the operation shall cease accepting these materials for the remainder of the year.
- m. The wet waste/dusty materials operation may accept the following materials: tank bottoms, petroleum containing liquids, car wash sludge, storm drain cleanout silt and sludge, ink sump cleanout sludge, bags with paint dye dust, waste perlite and vermiculite, vegetable oil sludge, oily cullet sludge, foundry sands, bag house fines, and waste soil.
- n. The operator shall pay all tonnage and other applicable fees to the LEA as required by Contra Costa County ordinance and fee resolution.
- o. The operator shall not exceed the design capacity for storage of compost feedstock, active compost, and finished compost, and wood waste and chipped and ground material from the wood waste processing as described in the facility RFI.
- p. The operator shall maintain accurate scales at the facility to weigh incoming and outgoing vehicles. A weighing program approved by the LEA shall be implemented to monitor material tonnage and origin.
- q. The operator shall keep a log of all vehicles entering the facility. The log shall contain the name of the business and/or the license plate of the vehicle. The log shall be available for review by the LEA..

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17. Enforcement Agency (EA) Conditions (continued):

(NOTE:) LEA conditions listed here shall be in addition to conditions of other documents controlling operation of this facility.)

- r. Maintain all training records for each employee for routine inspection by the LEA.
- s. The operator shall prominently display all required regulatory information on the site entry signs.
- t. The operator shall limit the volume placed at the facility to the amounts as stated in this SWFP.
- u. The operator shall conduct site operations following sound management practices including:
 - 1) Maintaining windrows in an aerobic condition
 - 2) Maintaining windrow moisture content between 45 and 60 percent
 - 3) Maintaining adequate windrow temperatures throughout pathogen reduction period
 - 4) Controlling dust through routine application of water
 - 5) Windrows shall not be turned during periods when winds exceed 30 miles per hour
 - 6) Issuing personal protection equipment (dust masks) to personnel in close contact with composting materials
- v. All quarterly reports outlined in Section 16. may be submitted in one report.
- w. The operator shall verify that compost meets the maximum acceptable metal concentration limits specified in T. 14 Section 17868.2, and the pathogen reduction requirements specified in T. 14 Section 17868.3 *prior* to the compost being removed from the facility or otherwise beneficially reused. Verification of pathogen reduction requirements shall occur prior to the point where compost is sold and removed from the site, bagged for sale, given away for beneficial use, removed from the site, or otherwise beneficially used. This verification shall be performed following the requirements in T. 14 Sections 17868.1 through 17868.3. If pathogens exceed the maximum acceptable pathogen concentrations in the samples taken, the compost products shall be designated for disposal, additional processing, or other use approved by state or federal agencies having jurisdiction. If the metal concentrations exceed the maximum acceptable concentrations in the samples taken, the compost products shall be designated for disposal, additional processing, or other use approved by state or federal agencies having jurisdiction.
- x. Contamination of compostable materials that have undergone pathogen reduction, pursuant to T. 14 Section 17868.3, with feedstocks, compost, or wastes that have not undergone pathogen reduction or additives shall be prevented. Final product shall be stored to prevent contamination.
- y. The active tipping area shall be supported with sufficient litter picking personnel to preclude significant amounts of litter from accumulating off-site. On-site and off-site litter shall not be allowed to accumulate.
- z. The operator shall maintain a written high winds operations policy to address off-site dust, litter, and odor migration. The policy shall be submitted to the LEA for review within 30 days of the issuance of this permit.
- aa. At all times, the site perimeter shall be provided with adequate security gates and fencing in good repair to prevent unauthorized access to the facility.
- bb. Compost windrows shall be constructed and handled in such a manner that limits the attraction of animals, birds, and vectors to the site. On-site litter shall not be allowed to accumulate so as to create such an attraction. Compost windrows shall also be handled in such a manner that does not create a public nuisance with offsite odor impacts to the surrounding neighborhoods.
- cc. The operator shall maintain a log of special occurrences as required by 27 CCR 20510 (c). This log shall include, but is not limited to, fires, earth slides, unusual and sudden settlement, explosions, the discharge and disposition of hazardous or unpermitted wastes, and significant injuries, accidents, or property damage. Each log entry shall be accompanied by a summary of any actions taken by the operator to mitigate the occurrences. The log shall be available to site personnel and the LEA at all times.
- dd. Submit winter operations plans to the LEA by July 31 of each year (example: Winter 2010-2011 plans due July 31, 2010). The plans shall include the location of the drainage controls for the coming wet weather season.
- ee. Submit a copy of the Site Safety Plan within 30 days of issuance of this permit.
- ff. Provide full-time load checkers to monitor and remove hazardous waste and contaminants from the self-haul and commercial unloading areas.
- gg. Any residual wastes and unacceptable loads received shall be removed within 48 hours.

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1. Facility/Permit Number:
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17. Enforcement Agency (EA) Conditions (continued):

(NOTE:) LEA conditions listed here shall be in addition to conditions of other documents controlling operation of this facility.)

- hh. Adequate lighting shall be provided for all work done before and after day light hours at the site.
- ii. In addition to any other activities identified in Title 14, the following are specifically prohibited:
 - 1. Standing water on feedstock, windrow or finished compost areas
 - 2. Vector propagation
 - 3. Offsite migration of odor, litter or leachate
- jj. Adequate dust control shall be used during turning of windrows.
- kk. The chipped and ground material shall be placed in the compost piles or shipped off site within 7 days of being chipped and ground.
- ll. Food wastes, biosolids, manures and any other odorous materials received shall be processed as identified in the RFI.
- mm. The wet wastes/dusty materials operation shall be operated to prevent dust, odors and nuisances. Best management practices shall be utilized.
- nn. Provide written notification to the LEA prior to construction of a building or structure for the wet waste/dusty materials operation. The report shall describe the building/structure and its scheduled construction and operation.
- oo. The operator shall provide the LEA written notice of intent to perform site restoration at least 30 days prior to site restoration pursuant to T.14 Section 17870.